



**BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE  
UNITED STATES PATENT AND TRADEMARK OFFICE**

**LIMITED RECOGNITION UNDER 37 CFR § 11.9(b)**

Marc M. Wefers is hereby given limited recognition under 37 CFR §11.9(b) as an employee of Fish & Richardson P.C., to prepare and prosecute patent applications wherein the patent applicant is the client of Fish & Richardson P.C. and the attorney or agent of record in the applications is a registered practitioner who is a member of Fish & Richardson P.C. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Marc M. Wefers ceases to lawfully reside in the United States, (ii) Marc M. Wefers' employment with Fish & Richardson P.C. ceases or is terminated, or (iii) Marc M. Wefers' employment authorization ceases or expires.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

**Expires: March 20, 2005**

Harry I. Moatz  
Director of Enrollment and Discipline

**BEST AVAILABLE COPY**



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Bruno Acklin et al.                      Art Unit : 2871  
Serial No. : 09/786,699                              Examiner : George Y. Wang  
Filed : March 8, 2001  
Title : ARRAY WITH LIGHT-EMITTING POWER SEMICONDUCTOR  
COMPONENT AND CORRESPONDING PRODUCTION METHOD

**MAIL STOP AF**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REVOCATION AND NEW POWER OF ATTORNEY

Please see attached Revocation and New Power of Attorney which was duly executed by Osram GmbH on November 30, 2004. Please note that the above-referenced application is listed on Appendix 1, page 1, fifth paragraph.

Please apply any additional charges or credits to our Deposit Account No. 06-1050, referencing Attorney Docket No. 12406-011001.

Respectfully submitted,

Date: \_\_\_\_\_

2/10/05

Marc M. Wefers\* for  
David L. Feigenbaum  
Reg. No. 30,378

Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110-2804  
Telephone: (617) 542-5070  
Facsimile: (617) 542-8906

**\*See attached document certifying that Marc M. Wefers has limited recognition to practice before the U.S. Patent and Trademark Office under 37 C.F.R. § 11.9(b).**  
21026925.doc

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

2-10-05

Date of Deposit

Signature

CHERYL A. CARLSON

Typed or Printed Name of Person Signing Certificate



### REVOCATION AND NEW POWER OF ATTORNEY

Under 37 CFR §3.73(b), OSRAM GmbH, a German corporation with headquarters located at Hellabrunner Strasse 1, 81536, Munich, Germany, certifies that it is the assignee of 100% of the right, title and interest in the patent applications listed in Appendix 1. The chain of title from the inventor(s) to OSRAM GmbH for each U.S. patent application listed in Appendix 1 is also set forth in that Appendix 1, referencing documents recorded in the United States Patent and Trademark Office or documents attached hereto as Appendices 2 and 3.

The undersigned has reviewed all the documents in the chain of title of the patent applications identified in Appendix 1, and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

The undersigned, acting on behalf of the assignee, hereby revokes all powers of attorney previously granted in the application and appoints:

ALAN D. SMITH  
Registration No. 32,005

DAVID L. FEIGENBAUM  
Registration No. 30,378

TIMOTHY A. FRENCH  
Registration No. 30,175

JOHN F. HAYDEN  
Registration No. 37,640

FRANK R. OCCHIUTI  
Registration No. 35,306

CHRIS C. BOWLEY  
Registration No. 55,016

with full power of substitution and revocation, to prosecute the application and to transact all business in the United States Patent and Trademark Office connected therewith.

All correspondence regarding the application should be sent to:

**PTO Customer Number: 26161**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Signature: \_\_\_\_\_

Typed name: Dr. Seeberg

Pokorny

Title: Executive Vice President

Vice President

Date: November 30, 2004

Assignee: OSRAM GmbH

MZW/czc

Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110-2804  
Telephone: (617) 542-5070  
Facsimile: (617) 542-8906

## APPENDIX 1 -

### LISTING APPLICATIONS FOR REVOCATION AND NEW POWER OF ATTORNEY AND SHOWING CHAIN OF TITLE TO OSRAM GMBH (3 pages)

F&R Reference	OSRAM Reference	First Named Inventor/Applicant	Filed Serial No.
12406-003001	1996P1650 US N	Ulrike Reeh	12/28/1998 09/221,789
<p>i. Assignment from Inventors to Assignee, SIEMENS AKTIENGESELLSCHAFT recorded 12/14/2000 at Reel/Frame 011366/0223</p> <p>ii. Assignment from SIEMENS AKTIENGESELLSCHAFT to OSRAM OPTO SEMICONDUCTORS, GMBH &amp; CO. OHG, recorded 12/7/2000 at Reel/Frame 011356/0397</p> <p>iii. Conversion from OSRAM OPTO SEMICONDUCTORS GMBH &amp; CO. OHG to OSRAM OPTO SEMICONDUCTORS GMBH confirmed March 12, 2002 (See Appendix 2, which includes a certified English translation)</p> <p>iv. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH executed November 22, 2004 (See Appendix 3)</p>			
12406-005002	1997P2507 US 04	Klaus Hohn	12/6/2000 09/731,406
<p>i. Assignment from Inventors to Assignee, SIEMENS AKTIENGESELLSCHAFT recorded April 4, 2000, at Reel/Frame 010723/0988</p> <p>ii. Assignment from SIEMENS AKTIENGESELLSCHAFT to OSRAM OPTO SEMICONDUCTORS, GMBH &amp; CO. OHG Recorded 12/7/2000 at Reel/Frame 011356/0397</p> <p>iii. Conversion from OSRAM OPTO SEMICONDUCTORS GMBH &amp; CO. OHG to OSRAM OPTO SEMICONDUCTORS GMBH confirmed March 12, 2002 (See Appendix 2, which includes a certified English translation)</p> <p>iv. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH executed November 22, 2004 (See Appendix 3)</p>			
12406-006003	1997P2507 US 07	Klaus Hohn	7/10/2003 10/616,783
<p>i. Assignment from Inventors to Assignee, SIEMENS AKTIENGESELLSCHAFT recorded April 4, 2000, at Reel/Frame 010723/0988</p> <p>ii. Assignment from SIEMENS AKTIENGESELLSCHAFT to OSRAM OPTO SEMICONDUCTORS, GMBH &amp; CO. OHG Recorded 12/7/2000 at Reel/Frame 011356/0397</p> <p>iii. Conversion from OSRAM OPTO SEMICONDUCTORS GMBH &amp; CO. OHG to OSRAM OPTO SEMICONDUCTORS GMBH confirmed March 12, 2002 (See Appendix 2, which includes a certified English translation)</p> <p>iv. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH executed November 22, 2004 (See Appendix 3)</p>			
12406-007002	P19972507 US 06	Klaus Hohn	7/21/2003 10/623,819
<p>i. Assignment from Inventors to Assignee, SIEMENS AKTIENGESELLSCHAFT recorded April 4, 2000, at Reel/Frame 010723/0988</p> <p>ii. Assignment from SIEMENS AKTIENGESELLSCHAFT to OSRAM OPTO SEMICONDUCTORS, GMBH &amp; CO. OHG Recorded 07/09/2001 at Reel/Frame 011961/0157</p> <p>iii. Conversion from OSRAM OPTO SEMICONDUCTORS GMBH &amp; CO. OHG to OSRAM OPTO SEMICONDUCTORS GMBH confirmed March 12, 2002 (See Appendix 2, which includes a certified English translation)</p> <p>iv. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH executed November 22, 2004 (See Appendix 3)</p>			
12406-011001	1998 P 2530 US N	Bruno Acklin	3/8/2001 09/786,699
<p>i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH &amp; CO. OHG Recorded 08/22/2001 at Reel/Frame 012094/0770</p> <p>iii. Change from OSRAM OPTO SEMICONDUCTORS GMBH &amp; CO. OHG to OSRAM OPTO SEMICONDUCTORS GMBH Recorded 03/22/2004 at Reel/Frame 014446/0347</p> <p>iii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH executed November 22, 2004 (See Appendix 3)</p>			
12406-017001	1999 P2843 US N	Klaus Hohn	4/20/2001 09/830,038
<p>i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH &amp; CO. OHG Recorded 07/23/2001 at Reel/Frame 012004/0570</p> <p>ii. Conversion from OSRAM OPTO SEMICONDUCTORS GMBH &amp; CO. OHG to OSRAM OPTO SEMICONDUCTORS GMBH confirmed March 12, 2002 (See Appendix 2, which includes a certified English translation)</p> <p>iii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH executed November 22, 2004 (See Appendix 3)</p>			

**12406-020001**      **P2001,0799 US N/MH**      JOERG BLAESSING      1/22/2002  
10/055,142

- i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG  
Recorded 05/06/2002 at Reel/Frame 012877/0876
- ii. Conversion from OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG to OSRAM OPTO SEMICONDUCTORS GMBH  
confirmed March 12, 2002 (See Appendix 2, which includes a certified English translation)
- iii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH  
executed November 22, 2004 (See Appendix 3)

**12406-021001**      **P1999,0003USN**      VOLKER HARLE      8/13/2001  
09/913,394

- i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG  
Recorded 02/22/2002 at Reel/Frame 012630/0015
- ii. Conversion from OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG to OSRAM OPTO SEMICONDUCTORS GMBH  
confirmed March 12, 2002 (See Appendix 2, which includes a certified English translation)
- iii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH  
executed November 22, 2004 (See Appendix 3)

**12406-022US1**      **1999P4773USN**      RALPH WIRTH      3/25/2002  
10/089,017

- i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG  
Recorded 07/23/2002 at Reel/Frame 013109/0370
- ii. Conversion from OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG to OSRAM OPTO SEMICONDUCTORS GMBH  
confirmed March 12, 2002 (See Appendix 2, which includes a certified English translation)
- iii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH  
executed November 22, 2004 (See Appendix 3)

**12406-024001**      **P2002,0356 US N**      BERT BRAUNE      5/5/2003  
10/429,916

- i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH  
Recorded 08/07/2003 at Reel/Frame 014353/0952
- ii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH  
executed November 22, 2004 (See Appendix 3)

**12406-028US1**      **P2000,0014 US N2**      Dominik Eisert      8/12/2002  
10/203,728

- i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH  
Recorded 12/09/2002 at Reel/Frame 013561/0399
- ii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH  
executed November 22, 2004 (See Appendix 3)

**12406-030US1**      **P2000,0032 US N**      Georg Bogner      8/22/2002  
10/204,576

- i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH  
Recorded 12/02/2002 at Reel/Frame 013543/0571
- ii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH  
executed November 22, 2004 (See Appendix 3)

**12406-032US1**      **P2000,0027 US N**      ALFRED LELL      8/21/2002  
10/204,500

- i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH  
Recorded 11/18/2002 at Reel/Frame 013491/0552
- ii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH  
executed November 22, 2004 (See Appendix 3)

**12406-035US1**      **P2000,0068 US N1**      STEFAN BADER      9/19/2002  
10/239,106

- i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH  
Recorded 01/14/2003 at Reel/Frame 013656/0059
- ii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH  
executed November 22, 2004 (See Appendix 3)

**12406-036US1**      **P2001,0050 US E-1**      Hartmut Frob      8/22/2002  
10/204,585

- i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH  
Recorded 12/02/2002 at Reel/Frame 013543/0875
- ii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH  
executed November 22, 2004 (See Appendix 3)


<b>12406-039US1</b>	<b>P2000,0068 US N2</b>	<b>STEFAN BADER</b>	10/22/2002 10/258,340
i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH Recorded 06/12/2003 at Reel/Frame 014159/0245; 08/11/2004 at Reel/Frame 015022/0378; and 06/12/2003 at Reel/Frame 014159-0252			
ii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH executed November 22, 2004 (See Appendix 3)			
<b>12406-040US1</b>	<b>P2000,0062</b>	<b>GEORG Bogner</b>	10/18/2002 10/258,154
i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH Recorded 08/13/2003 at Reel/Frame 014374/0662			
ii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH executed November 22, 2004 (See Appendix 3)			
<b>12406-041US1</b>	<b>P2000,0092 US N</b>	<b>HERBERT BRUNNER</b>	11/25/2002 10/296,405
i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH Recorded 03/04/2003 at Reel/Frame 013802/0885			
ii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH executed November 22, 2004 (See Appendix 3)			
<b>12406-042US1</b>	<b>P2000,0082 US N (RS/FK)</b>	<b>Klaus Hohn</b>	11/8/2002 10/275,786
i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH Recorded 01/21/2003 at Reel/Frame 013673/0600			
ii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH executed November 22, 2004 (See Appendix 3)			
<b>12406-044US1</b>	<b>P2000,0090 US N (RS/BDS)</b>	<b>Johannes Baur</b>	11/22/2002 10/296,195
i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH Recorded 03/04/2003 at Reel/Frame 013799/0727			
ii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH executed November 22, 2004 (See Appendix 3)			
<b>12406-045US1</b>	<b>P2000,0100 US N</b>	<b>BERTHOLD HAHN</b>	11/25/2002 10/296,596
i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH Recorded 02/12/2003 at Reel/Frame 013748/0200			
ii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH executed November 22, 2004 (See Appendix 3)			
<b>12406-047US1</b>	<b>P2000,0158 US N</b>	<b>Johannes Baur</b>	2/3/2003 10/343,851
i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH Recorded 09/11/2003 at Reel/Frame 013965/0207			
ii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH executed November 22, 2004 (See Appendix 3)			
<b>12406-064001</b>	<b>1995P2026 US N1</b>	<b>Klinger Hashuber</b>	6/17/2002 10/173,055
i. Assignment of Assignors Interest to Assignee, SIEMENS AKTIENGESELLSCHAFT, recorded 01/28/2004 at Reel/Frame 014287/0960			
ii. Assignment of SIEMENS AKTIENGESELLSCHAFT to OSRAM OPTO SEMICONDUCTORS GMBH recorded 02/04/2004 at Reel/Frame 014307/0271			
iii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH executed November 22, 2004 (See Appendix 3)			
<b>12406-074002</b>	<b>1998P1998 US N1</b>	<b>Gunter Waitl</b>	7/9/2003 10/616,070
i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH & CO Recorded 07/09/2003 at Reel/Frame 014269/0811			
ii. Conversion from OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG to OSRAM OPTO SEMICONDUCTORS GMBH confirmed March 12, 2002 (See Appendix 2, which includes a certified English translation)			
iii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH executed November 22, 2004 (See Appendix 3)			

Anteilhaber / Gesellschafter

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20.

HR B

85 22

| a) Firma<br>b) Sitz<br>c) Gegenstand des Unternehmens  | d) Grundkapital<br>e) Statut | f) Vorstands-<br>Präsident<br>Geschäftsführer<br>Ausschuss   | g) Prokura  | h) Rechtsverhältnisse  | i) Tag der Eintragung<br>und Unterschrift<br>j) Bescheinigung                                    |
|--|------------------------------|--|---|--|--|
| <p>a) OSRAM Opto Semiconductors<br/>b) Regensburg<br/>c) Entwicklung, Fertigung und Vertrieb von Produkten auf Basis von optoelektronischen Halbleitern.</p> | <p>4.370.000,- EUR</p>       | <p>Dr. Gert Müller, Regensburg<br/>Geb. 27.7.1943<br/>50726 Regensburg<br/>Mittelpunkt Robert<br/>Geb. 25.01.1959<br/>82152 Kreiling</p> |   | <p>Gesellschaft mit beschränkter Haftung.<br/>Die Gesellschaft ist entstanden durch form-<br/>wechselnde Umwandlung der OSRAM Opto Semicon-<br/>ductors GmbH &amp; Co. oHG in Regensburg gemäß<br/>Umwandlungsbeschluss vom 26. September 2001.<br/>bei dem auch der Gesellschaftsvertrag festge-<br/>stellt wurde.<br/>Ist nur ein Geschäftsführer bestellt, so ver-<br/>tritt er die Gesellschaft allein. Sind mehrere<br/>Geschäftsführer bestellt, so wird die Gesell-<br/>schaft entweder durch zwei Geschäftsführer<br/>oder durch einen Geschäftsführer zusammen<br/>mit einem Prokuristen vertreten.</p> | <p>a) 5. März 2002<br/>b) Gesellschaftsvertrag<br/>HR B 85 22<br/>AG Regensburg<br/>HRA 6038</p> |
|  | <p>5.000.000,- EUR</p>       |  |   | <p>Die Gesellschaftsversammlung vom 26. September 2001<br/>hat die Erhöhung des Stammkapitals um 430.000,- EUR<br/>auf 5.000.000,- EUR beschlossen und die Setzung in<br/>§ 5 (Stammkapital) entsprechend geändert.</p>  | <p>a) 5. März 2002<br/>b) Gesellschaftsvertrag<br/>trag 51.49-54</p>                             |
|  |                              |  | <p><u>Handelsregisterauszug</u><br/>Unterzeichnete Teile der<br/>Eintragung in dem nach-<br/>stehenden Lichtdruck sind<br/>in Verbindung mit den Ver-<br/>änderungs- und Löschungs-<br/>vermerken gelbschl.</p> | <p>Die Überzeichnung des Auszugs mit<br/>dem Eintrag im Register wird bestätigt.<br/>Regensburg, den 1. 2. 1997<br/>Geschäftsstelle des Amtsgerichts Regensburg<br/>Der Urkundsbeamte:<br/>Hartl<br/>Justizsekretär</p>    |  |



| District Court, Regensburg - Registration Office -  | 9  | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | Page |   | 8522 |
|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------|---|------|
|   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | HR B |   |      |
| a) Company's Name<br>b) Headquarters<br>c) Purpose of the Organization  | Legal Conditions   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |      | a) Date of Entry and Signature<br>b) Comments   |      |
| 2   | 6  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |      | 7   |      |
| a) OSRAM Opto Semiconductors Gesellschaft mit beschränkter Haftung [Limited Liability Company]<br>b) Regensburg<br>c) Development, manufacture and sales of products based on optoelectronic semiconductors | Limited Liability Company<br>The company was created by the corporate restructuring of the OSRAM Opto Semiconductors GmbH & Co. oHG in Regensburg according to the restructuring order of September 26, 2001 in which also the articles of association were approved.<br>If only one member of the board of directors is appointed, he alone represents the company. If several members of the board of directors are appointed, the company is represented by two members of the board of directors together or by one member of the board of directors and an authorized officer together. |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |      | a) March 5, 2002<br>b) Partnership agreement on Pages 14 - 21<br>AG Regensburg HRA 6036 |      |
|   | The shareholders meeting on September 26, 2001 has decided to increase the capital stock by 430,000.00 EURO to 5,000,000.00 EURO and has changed the articles of association in section 5 (Capital Stock) accordingly.   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |      | a) March 5, 2002<br>b) articles of association Pages 49 - 54;                           |      |

|  |  |  |   |   |  |
|--|--|--|---|---|--|
|  |  |  | <p><b>Certificate of Registration</b><br/> The underlined sections of the register in the following photo print have been deleted in conjunction with the change and deletion comments.</p> | <p>The compliance of the excerpt with the contents of the register is confirmed.<br/> Regensburg, March 12, 02<br/> Office of the District Court in Regensburg<br/> Registrar:<br/> Hard<br/> Senior Clerk</p> <p>District Court<br/> Regensburg<br/> Bavaria</p> |  |
|--|--|--|---|---|--|

**TRANSLATOR'S CERTIFICATE**

I, Eva Maria King, do hereby certify that I am fluent in the German and English languages. I prepared the translation into English of an excerpt of a register from the Regensburg District Court. It is true and accurate to the best of my ability.

2 February 2004

Eva Maria King / jms  
Eva Maria King

CONFIRMATORY ASSIGNMENT

The Effective Date of this Assignment is September 30, 2003.

WHEREAS, Osram Opto Semiconductors GmbH, a German corporation with headquarters located at Wernerwerkstrasse 2, 93049 Regensburg, Germany (hereinafter "ASSIGNOR"), was the owner of the entire right, title, and interest in each patent application listed in Appendix A (the "PATENT APPLICATIONS");

WHEREAS, OSRAM GmbH, a German corporation with headquarters located at Hellabrunner Strasse 1, 81536, Munich, Germany, (hereinafter "ASSIGNEE"), was desirous of acquiring the entire right, title and interest in and to the PATENT APPLICATIONS, including any and all Letters Patent of the United States that may be obtained therefor;

NOW, THEREFORE, be it known that, pursuant to the terms of a contract entered into between ASSIGNOR and ASSIGNEE on September 30, 2003, for good and valuable consideration recited therein and paid by ASSIGNEE to ASSIGNOR, the receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does hereby confirm that, as of the Effective date, ASSIGNOR did sell, assign and transfer unto ASSIGNEE, its legal representatives, successors and assigns, its entire right, title and interest in and to the PATENT APPLICATIONS, the same interest to be held by ASSIGNEE, its legal representatives, successors and assigns, to the full end of the term for which Letters Patent may be granted or may be reissued or extended, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

AND, ASSIGNOR hereby confirms its agreement that the change in ownership may be recorded in the official records of the United States Patent and Trademark Office.

The undersigned is authorized to act on behalf of ASSIGNOR.

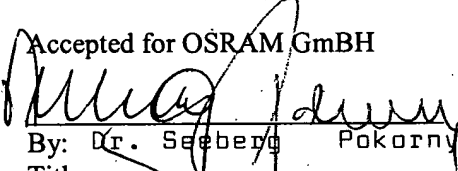
This document contains 2 pages and a 2-page Appendix A.

Osram Opto Semiconductors GmbH

  
By: R. WITTENBERG C. REBITZ Date 24.11.04  
Title: CFO COO

Witness Name: J. B. WITTEBERG  
Witness Signature: [Signature]

Witness Name: C. GELLER  
Witness Signature: [Signature]

Accepted for OSRAM GmbH  
  
By: Dr. Sieberg Pokorny Date Nov. 27, 2004  
Title:  
Executive Vice President Vice President

**APPENDIX A -****LISTING APPLICATIONS FOR CONFIRMATORY ASSIGNMENT BETWEEN OSRAM OPTO SEMICONDUCTORS GMBH AND OSRAM GMBH (2 pages)**

| <b>F&amp;R Reference</b> | <b>OSRAM Reference</b>  | <b>First Named Inventor/Applicant</b> | <b>Filed Serial No.</b>  |
|--------------------------|-------------------------|---------------------------------------|--------------------------|
| 12406-003001             | 1996P1650 US N          | Ulrike Reeh                           | 12/28/1998<br>09/221,789 |
| 12406-005002             | 1997P2507 US 04         | Klaus Hohn                            | 12/6/2000<br>09/731,406  |
| 12406-006003             | 1997P2507 US 07         | Klaus Hohn                            | 7/10/2003<br>10/616,783  |
| 12406-007002             | P19972507 US 06         | Klaus Hohn                            | 7/21/2003<br>10/623,819  |
| 12406-008001             | P1999.0014 WO US        | Alexandra Debray                      | 2/28/2001<br>09/786,086  |
| 12406-011001             | 1998 P 2530 US N        | Bruno Acklin                          | 3/8/2001<br>09/786,699   |
| 12406-017001             | 1999 P2843 US N         | Klaus Hohn                            | 4/20/2001<br>09/830,038  |
| 12406-020001             | P2001,0799 US N/MH      | JOERG BLAESSING                       | 1/22/2002<br>10/055,142  |
| 12406-021001             | P1999,0003USN           | VOLKER HARLE                          | 8/13/2001<br>09/913,394  |
| 12406-022US1             | 1999P4773USN            | RALPH WIRTH                           | 3/25/2002<br>10/089,017  |
| 12406-024001             | P2002,0356 US N         | BERT BRAUNE                           | 5/5/2003<br>10/429,916   |
| 12406-028US1             | P2000,0014 US N2        | Dominik Eisert                        | 8/12/2002<br>10/203,728  |
| 12406-030US1             | P2000,0032 US N         | Georg Bogner                          | 8/22/2002<br>10/204,576  |
| 12406-032US1             | P2000,0027 US N         | ALFRED LELL                           | 8/21/2002<br>10/204,500  |
| 12406-035US1             | P2000,0068 US N1        | STEFAN BADER                          | 9/19/2002<br>10/239,106  |
| 12406-036US1             | P2001,0050 US E-1       | Hartmut Frob                          | 8/22/2002<br>10/204,585  |
| 12406-039US1             | P2000,0068 US N2        | STEFAN BADER                          | 10/22/2002<br>10/258,340 |
| 12406-040US1             | P2000,0062              | GEORG Bogner                          | 10/18/2002<br>10/258,154 |
| 12406-041US1             | P2000,0092 US N         | HERBERT BRUNNER                       | 11/25/2002<br>10/296,405 |
| 12406-042US1             | P2000,0082 US N (RS/FK) | Klaus Hohn                            | 11/8/2002<br>10/275,786  |

|              |                          |                  |                          |
|--------------|--------------------------|------------------|--------------------------|
| 12406-044US1 | P2000,0090 US N (RS/BDS) | Johannes Baur    | 11/22/2002<br>10/296,195 |
| 12406-045US1 | P2000,0100 US N          | BERTHOLD HAHN    | 11/25/2002<br>10/296,596 |
| 12406-047US1 | P2000,0158 US N          | Johannes Baur    | 2/3/2003<br>10/343,851   |
| 12406-064001 | 1995P2026 US N1          | Klinger Hashuber | 6/17/2002<br>10/173,055  |
| 12406-074002 | 1998P1998 US N1          | Gunter Waitl     | 7/9/2003<br>10/616,070   |

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**